

# EUROPEAN PATENT OFFICE

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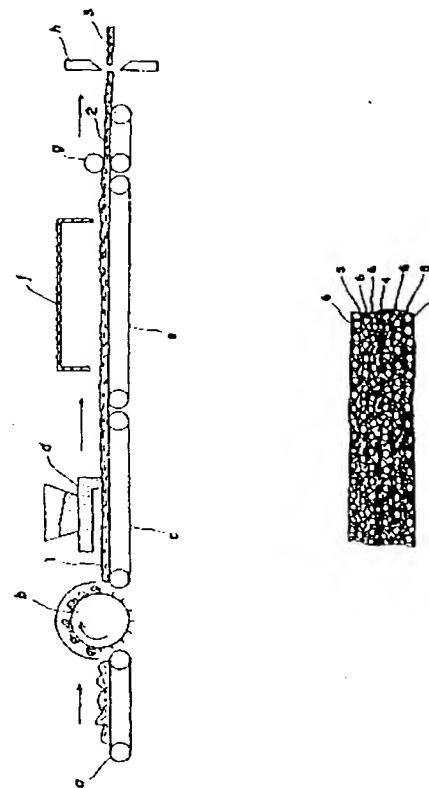
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APPLICANT : HOWA SENI KOGYO KK;

INVENTOR : TAUCHI HIROSHI;

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B60R 13/02 // B29K 61:04 B29K105:12  
B29L 31:58

TITLE : CORE MATERIAL FOR CAR INTERIOR  
MATERIAL



ABSTRACT : PURPOSE: To prepare a lightweight core material for a car interior material having high mechanical strength, by using a reinforcing material composed of a long rigid, coarse and hard natural fiber in foam.

CONSTITUTION: Henequen, Manila hemp, and a hemp palm are mixed as long rigid, coarse and hard natural fibers to be passed through an opening machine (b) and spread on a conveyor (c) to form a nonwoven web 1. A powdery foamed phenol resin is scattered on the nonwoven web 1 from a scattering machine (d) and the whole is passed through a heating oven (f) to bond the resin to the nonwoven web 1 and cut to form a resin bonded nonwoven mat 2. Subsequently, the mat is pressed into a required shape under heating by a press machine to obtain a foamed plate like article.

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